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NEWS	7	FEB 16	INPADOCDB and INPAFAMDB Enriched with New Content and Features
NEWS	8	FEB 16	INSPEC Adding Its Own IPC codes and Author's E-mail Addresses
NEWS	9	APR 02	CAS Registry Number Crossover Limits Increased to 500,000 in Key STN Databases
NEWS	10	APR 02	PATDPAFULL: Application and priority number formats enhanced
NEWS	11	APR 02	DWPI: New display format ALLSTR available
NEWS	12	APR 02	New Thesaurus Added to Derwent Databases for Smooth Sailing through U.S. Patent Codes
NEWS	13	APR 02	EMBASE Adds Unique Records from MEDLINE, Expanding Coverage back to 1948
NEWS	14	APR 07	CA/CAPLUS CLASS Display Streamlined with Removal of Pre-IPC 8 Data Fields
NEWS	15	APR 07	50,000 World Traditional Medicine (WTM) Patents Now Available in CAPLUS
NEWS	16	APR 07	MEDLINE Coverage Is Extended Back to 1947

NEWS EXPRESS FEBRUARY 15 10 CURRENT WINDOWS VERSION IS V8.4.2,  
AND CURRENT DISCOVER FILE IS DATED 15 JANUARY 2010.

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FILE 'HOME' ENTERED AT 10:23:41 ON 25 MAY 2010

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.22

0.22

FILE 'REGISTRY' ENTERED AT 10:24:03 ON 25 MAY 2010

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STRUCTURE FILE UPDATES: 24 MAY 2010 HIGHEST RN 1225013-23-9

DICTIONARY FILE UPDATES: 24 MAY 2010 HIGHEST RN 1225013-23-9

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<http://www.cas.org/support/stngen/stndoc/properties.html>

=> e idebenone/cn

E1	1	IDEANIN/CN
E2	1	IDEBENOL/CN
E3	1 -->	IDEBENONE/CN
E4	1	IDEBENONE ACID/CN
E5	1	IDEBENONE ACID BUTYL ESTER/CN
E6	1	IDEBENONE ACID CETYL ESTER/CN
E7	1	IDEBENONE ACID DECYL ESTER/CN
E8	1	IDEBENONE ACID FARNESYL ESTER/CN
E9	1	IDEBENONE ACID HEXYL ESTER/CN
E10	1	IDEBENONE ACID STEARYL ESTER/CN
E11	1	IDEC 102/CN
E12	1	IDEC 114/CN

=> d e3

NO L# DEFINED

=> s e3

L1 1 IDEBENONE/CN

=> d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2010 ACS on STN

RN 58186-27-9 REGISTRY

ED Entered STN: 16 Nov 1984

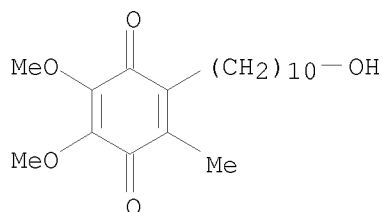
CN 2,5-Cyclohexadiene-1,4-dione, 2-(10-hydroxydecyl)-5,6-dimethoxy-3-methyl-  
(CA INDEX NAME)

OTHER NAMES:

CN 2,3-Dimethoxy-5-methyl-6-(10-hydroxydecyl)-1,4-benzoquinone

CN 2,3-Dimethoxy-6-(10-hydroxydecyl)-5-methyl-1,4-benzoquinone

CN Avan  
 CN CV 2619  
 CN Daruma  
 CN **Idebenone**  
 CN Mnesis  
 MF C19 H30 O5  
 CI COM  
 LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN\*, BIOSIS,  
 BIOTECHNO, CA, CAPLUS, CASREACT, CBNB, CHEMCATS, CIN, CSCHEM, DDFU,  
 DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IMSDRUGNEWS, IMSPATENTS,  
 IMSPRODUCT, IMSRESEARCH, IPA, MEDLINE, MRCK\*, NAPRALERT, PIRA, PROMT,  
 PROUSDDR, PS, RTECS\*, SYNTHLINE, TOXCENTER, TULSA, USAN, USPAT2,  
 USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: WHO



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

431 REFERENCES IN FILE CA (1907 TO DATE)  
 15 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 434 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus  
 COST IN U.S. DOLLARS  
 FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
8.58	8.80

FILE 'CAPLUS' ENTERED AT 10:25:11 ON 25 MAY 2010  
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
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FILE COVERS 1907 - 25 May 2010 VOL 152 ISS 22  
 FILE LAST UPDATED: 24 May 2010 (20100524/ED)  
 REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2010  
 USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2010

CAplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2010.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> s 11/cos
      434 L1
      46536 COS/RL
L2      26 L1/COS
          (L1 (L) COS/RL)

=> s 12 (1) (light or lighten or color or (pigment OR "Pigments, biological") or
(pigmentation OR "Pigmentation, biological"))
      1360168 LIGHT
      13138 LIGHTS
      1364566 LIGHT
          (LIGHT OR LIGHTS)
      2106 LIGHTEN
      612 LIGHTENS
      2677 LIGHTEN
          (LIGHTEN OR LIGHTENS)
      520899 COLOR
      60122 COLORS
      550624 COLOR
          (COLOR OR COLORS)
      10650 COLOUR
      1151 COLOURS
      11371 COLOUR
          (COLOUR OR COLOURS)
      559336 COLOR
          (COLOR OR COLOUR)
      177534 PIGMENT
      154676 PIGMENTS
      241453 PIGMENT
          (PIGMENT OR PIGMENTS)
      154676 "PIGMENTS"
      4201513 "BIOLOGICAL"
      1434 "BIOLOGICALS"
      4202569 "BIOLOGICAL"
          ("BIOLOGICAL" OR "BIOLOGICALS")
      14057 "PIGMENTS, BIOLOGICAL"
          ("PIGMENTS" (W) "BIOLOGICAL")
      13352 PIGMENTATION
      113 PIGMENTATIONS
      13415 PIGMENTATION
          (PIGMENTATION OR PIGMENTATIONS)
      13352 "PIGMENTATION"
      113 "PIGMENTATIONS"
      13415 "PIGMENTATION"
          ("PIGMENTATION" OR "PIGMENTATIONS")
      4201513 "BIOLOGICAL"
      1434 "BIOLOGICALS"
      4202569 "BIOLOGICAL"
          ("BIOLOGICAL" OR "BIOLOGICALS")
      940 "PIGMENTATION, BIOLOGICAL"
          ("PIGMENTATION" (W) "BIOLOGICAL")
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L3            0 L2 (L) (LIGHT OR LIGHTEN OR COLOR OR (PIGMENT OR "PIGMENTS, BIOLOGICAL") OR (PIGMENTATION OR "PIGMENTATION, BIOLOGICAL"))

=> d 12 1-26 ibib hit

L2 ANSWER 1 OF 26 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2010:442165 CAPLUS

DOCUMENT NUMBER: 152:438114

TITLE: Skin treatments containing carboxylic acid-substituted idebenone derivatives and methods of preparation and use thereof

INVENTOR(S):           Diedrich, Falko; Lewis, Joseph A., II; Dinardo, Joseph  
C.; Neudecker, Birgit; Wieland, Eberhard

PATENT ASSIGNEE(S) : PCR Technology Holdings, LC, USA

SOURCE: U.S. Pat. Appl. Publ., 14pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM.	COUNT:	1
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PATENT INFORMATION:

PATENT NO.		KIND	DATE	APPLICATION NO.	DATE
US 20100086494		A1	20100408	US 2009-574135	20091006
WO 2010051138		A2	20100506	WO 2009-US59673	20091006
W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

PRIORITY APPLN. INFO.: US 2008-103043P P 20081006

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

IT 58186-27-9DP, Idebenone, carboxylic acid-substituted derivs.

1177393-70-2P      1220282-54-1P

RL: ADV (Adverse effect, including toxicity); COS (Cosmetic use)

REV. NAT. (Native use, including ceremonial); COS. (Cosmetic use);  
; SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological

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study); PREP (Preparation); USES (Uses)
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(comps. containing carboxylic acid-substituted idebenone derivs. for skin treatment)

L2 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2010:212196 CAPLUS

DOCUMENT NUMBER: 152:270621

TITLE: Composite particles having an antioxidant-based protective system, and topical sunscreen compositions comprising the same

INVENTOR(S) : Sente, Ilse; Declercq, Lieve; Maes, Daniel H.; Sojka, Milan Franz; Cummins, Phillip; Fthenakis, Christina G.; Pernodet, Nadine A.; Lee, Wilson A.; Najdek, Linda; McKeever-Alfieri, Maryann; Teta, Lawrence P.

PATENT ASSIGNEE(S): Elc Management LLC, USA

SOURCE: PCT Int. Appl., 25pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2010019413	A2	20100218	WO 2009-US52683	20090804
WO 2010019413	A3	20100422		

W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW  
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

US 20100040696	A1	20100218	US 2009-507145	20090722
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PRIORITY APPLN. INFO.: US 2008-88032P P 20080812

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

IT 50-81-7, Ascorbic acid, biological studies 50-81-7D, Ascorbic acid, reaction with tocopheryl maleate 59-02-9 69-65-8, Mannitol 71-00-1, L-Histidine, biological studies 117-39-5, Quercetin 127-40-2, Lutein 128-37-0, Butylated hydroxytoluene, biological studies 137-66-6, Ascorbyl palmitate 327-97-9, Chlorogenic acid 491-70-3, Luteolin 497-30-3, L-Ergothioneine 501-36-0, Resveratrol 520-18-3, Kaempferol 522-12-3, Quercitrin 529-44-2, Myricetin 616-91-1, N-Acetylcysteine 989-51-5, Epigallocatechin gallate 1135-24-6, Ferulic acid 1314-13-2, Zinc oxide (ZnO), biological studies 2682-49-7, 2-Oxothiazolidine 6485-39-8, Manganese gluconate 10309-37-2, Bakuchiol 10605-09-1, Ascorbyl stearate 13463-67-7, Titanium oxide (TiO<sub>2</sub>), biological studies 21967-41-9, Baicalin 22457-89-2, Benfotiamine 25013-16-5, Butylated hydroxyanisole 50678-27-8, Pentagalloylglucose 53188-07-1, 6-Hydroxy-2,5,7,8-tetramethylchroman-2-carboxylic acid 57828-26-9, Lipoic acid 58186-27-9, Idebenone 81065-76-1, EUK-134 159329-76-7 682805-95-4 781658-23-9, 4-Hydroxyisoleucine 1134263-48-1

RL: COS (Cosmetic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(composite particles having an antioxidant-based protective system, and topical sunscreen compns. comprising the same)

L2 ANSWER 3 OF 26 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2009:373939 CAPLUS

DOCUMENT NUMBER: 150:455819

TITLE: Aesthetic mask based on electrospun nanofiber and its preparation process

INVENTOR(S): Gu, Zhongze; Xu, Qian

PATENT ASSIGNEE(S): Southeast University, Peop. Rep. China

SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 9pp.

CODEN: CNXXEV

DOCUMENT TYPE: Patent

LANGUAGE: Chinese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 101390814	A	20090325	CN 2008-10195080	20081029

PRIORITY APPLN. INFO.: CN 2008-10195080 20081029

IT 50-02-2, Dexamethasone 50-23-7, Hydrocortisone 50-70-4, Sorbitol, biological studies 50-81-7, Vitamin C, biological studies 56-81-5, Glycerol, biological studies 114-07-8, Erythrocin 303-98-0, Coenzyme Q10 501-30-4, Kojic acid 1077-28-7, Thiocetic acid 1406-18-4, Vitamin E 6915-15-7, Malic acid 7235-40-7,  $\beta$ -Carotene 9000-01-5, Gum arabic 9001-54-1, Hyaluronidase 9004-61-9, Hyaluronic acid 11103-57-4, Vitamin A 19237-84-4, Prazosin hydrochloride 24916-51-6, Acetylspiramycin 27220-47-9, Econazole **58186-27-9**, Idebenone 59227-89-3, Azone 59227-89-3D, Azone, derivs. 65277-42-1, Ketoconazole 80214-83-1, Roxithromycin 83905-01-5, Azithromycin 143179-21-9, Astacin  
 RL: **COS (Cosmetic use)**; THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (aesthetic mask based on electrospun nanofiber and its preparation process)

L2 ANSWER 4 OF 26 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2009:362819 CAPLUS  
 DOCUMENT NUMBER: 150:373324  
 TITLE: Method for preparing water-free nanometer dispersion  
 INVENTOR(S): Xia, Qiang; Xu, Hui  
 PATENT ASSIGNEE(S): Suzhou Nakang Biotechnology Co., Ltd., Peop. Rep. China  
 SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 5pp.  
 CODEN: CNXXEV  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Chinese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 101391182	A	20090325	CN 2008-10107304	20081024
PRIORITY APPLN. INFO.:			CN 2008-10107304	20081024
IT 56-81-5, Glycerol, biological studies 111-01-3, Squalane 111-02-4, Squalene 122-32-7, Glycerol trioleate 538-24-9, Glycerol trilaurate 555-44-2, Glycerol tripalmitate 555-45-3, Glycerol trimyristate 1406-16-2, Vitamin D 3234-85-3, Myristyl myristate 9005-63-4, Polyoxyethylene sorbitan 9016-00-6, Dimethylsilicone 12441-09-7, Sorbitan 25265-75-2, Butanediol 25322-68-3, Polyethylene glycol 26264-14-2, Propanediol 31807-55-3, Isododecane 42232-29-1, Dodecyl palmitate <b>58186-27-9</b> , Idebenone 60908-77-2, Isohexadecane RL: <b>COS (Cosmetic use)</b> ; FFD (Food or feed use); BIOL (Biological study); USES (Uses) (method for preparing water-free nanometer dispersion)				

L2 ANSWER 5 OF 26 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2009:139778 CAPLUS  
 DOCUMENT NUMBER: 150:198722  
 TITLE: Use of nanodispersions to protect water-soluble ingredients in cosmetic end formulations  
 INVENTOR(S): Mongiat, Sebastien; Grumelard, Julie; Baschong, Werner; Herzog, Bernd  
 PATENT ASSIGNEE(S): Ciba Holding Inc., Switz.  
 SOURCE: PCT Int. Appl., 71pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2009016064 A1 20090205 WO 2008-EP59568 20080722  
W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,  
CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES,  
FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD,  
ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH,  
PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ,  
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW  
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU,  
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TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD,  
TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW,  
AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
AU 2008281934 A1 20090205 AU 2008-281934 20080722  
EP 2170250 A1 20100407 EP 2008-786304 20080722  
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU,  
IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI,  
SK, TR, AL, BA, MK, RS  
KR 2010052497 A 20100519 KR 2010-704338 20080722  
PRIORITY APPLN. INFO.: EP 2007-113510 A 20070731  
WO 2008-EP59568 W 20080722  
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT  
IT 50-81-7, Ascorbic acid, biological studies 50-81-7D, Ascorbic acid,  
esters 153-18-4 153-18-4D, derivs. 327-97-9, Chlorogenic acid  
991-84-4 1135-24-6, Ferulic acid 1200-22-2, Lipoic acid 4221-80-1  
6683-19-8 6829-55-6, Tocotrienol 6829-55-6D, Tocotrienol, derivs.  
7732-18-5, Water, biological studies 9001-05-2, Catalase 9013-66-5,  
Glutathione peroxidase 9054-89-1, Superoxide dismutase 57828-26-9D,  
Lipoic acid, derivs. **58186-27-9**, Idebenone 63843-89-0  
67845-93-6 110553-27-0 139479-51-9, Tinogard AO6  
RL: **COS (Cosmetic use)**; BIOL (Biological study); USES (Uses)  
(use of nanodispersions to protect water-soluble ingredients in cosmetic  
end formulations)

L2 ANSWER 6 OF 26 CAPLUS COPYRIGHT 2010 ACS on STN  
ACCESSION NUMBER: 2009:41165 CAPLUS  
DOCUMENT NUMBER: 150:151643  
TITLE: Cosmetic composition containing idebenone for  
preventing wrinkles  
INVENTOR(S): Jung, Tae Hwa; Kang, Se Hun; Han, Chang Gyu; Jung,  
Gwan Yeong; Han, Sang Geun; Lee, Seong Jong; Kim, Sang  
Jun; Lee, Yun Ji  
PATENT ASSIGNEE(S): Kolmar Co., Ltd., S. Korea  
SOURCE: Repub. Korean Kongkae Taeho Kongbo, 15pp.  
CODEN: KRXXA7  
DOCUMENT TYPE: Patent  
LANGUAGE: Korean  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
KR 2009001265	A	20090108	KR 2007-65509	20070629
PRIORITY APPLN. INFO.:			KR 2007-65509	20070629
IT <b>58186-27-9</b> , Idebenone				
RL: <b>COS (Cosmetic use)</b> ; BIOL (Biological study); USES (Uses) (antiwrinkle cosmetics containing idebenone)				

L2 ANSWER 7 OF 26 CAPLUS COPYRIGHT 2010 ACS on STN  
ACCESSION NUMBER: 2008:1508441 CAPLUS  
DOCUMENT NUMBER: 150:23965

TITLE: Regulatory compounds for pigmentation  
 INVENTOR(S): Messeguer Peypoch, Angel; Ferrer Montiel, Antonio;  
 Cebrian Puche, Juan; Alminana Domenech, Nuria; Carreno  
 Serraiema, Cristina  
 PATENT ASSIGNEE(S): Lipotec, S.A., Spain  
 SOURCE: PCT Int. Appl., 47pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Spanish  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008152159	A2	20081218	WO 2008-ES230	20080411
WO 2008152159	A3	20090129		
W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA			
ES 2310142	A1	20081216	ES 2007-1663	20070615
ES 2310142	B1	20091204		
EP 2159223	A2	20100303	EP 2008-761477	20080411
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, AL, BA, MK, RS			
KR 2010040857	A	20100421	KR 2010-700911	20080411
IN 2009CN07314	A	20100319	IN 2009-CN7314	20091214
PRIORITY APPLN. INFO.:			ES 2007-1663	A 20070615
			US 2008-37085P	P 20080317
			WO 2008-ES230	W 20080411

OTHER SOURCE(S): MARPAT 150:23965  
 OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD  
 (1 CITINGS)

IT 50-81-7, Vitamin C, biological studies 68-26-8, Retinol 137-66-6,  
 6-O-Palmitoyl ascorbic acid 302-79-4, Tretinoin 501-30-4, Kojic acid  
 4759-48-2, Isotretinoin 23666-04-8 29656-58-4, Hydroxybenzoic acid  
**58186-27-9**, Idebenone 66170-10-3 129499-78-1,  
 Ascorbylglucoside 161436-56-2, Ascorbyl tetraisoalmitate  
 RL: **COS (Cosmetic use)**; THU (Therapeutic use); BIOL (Biological  
 study); USES (Uses)  
 (skin whitening composition based on chromane derivs.)

L2 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2008:1254631 CAPLUS  
 DOCUMENT NUMBER: 149:408931  
 TITLE: Antiaging compositions containing minerals in chelates  
 with amino acids  
 INVENTOR(S): Fernandes Filho, Nelson Henriques; Sercheli, Ricardo  
 da Silva  
 PATENT ASSIGNEE(S): Nucleo de Pesquisas Aplicadas Ltda., Brazil  
 SOURCE: Braz. Pedido PI, 23pp.  
 CODEN: BPXXDX  
 DOCUMENT TYPE: Patent

LANGUAGE: Portuguese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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BR 2006000891	A	20071120	BR 2006-891	20060313
PRIORITY APPLN. INFO.:			BR 2006-891	20060313
IT			50-21-5, Lactic acid, biological studies 50-81-7, L-Ascorbic acid, biological studies 52-90-4, L-Cysteine, biological studies 56-40-6, Glycine, biological studies 56-41-7, L-Alanine, biological studies 56-45-1, Serine, biological studies 56-85-9, L-Glutamine, biological studies 56-87-1, L-Lysine, biological studies 60-18-4, L-Tyrosine, biological studies 61-90-5, L-Leucine, biological studies 63-68-3, L-Methionine, biological studies 63-91-2, L-Phenylalanine, biological studies 69-72-7, Salicylic acid, biological studies 70-47-3, L-Asparagine, biological studies 71-00-1, L-Histidine, biological studies 73-22-3, L-Tryptophan, biological studies 73-24-5, Adenine, biological studies 73-32-5, L-Isoleucine, biological studies 74-79-3, L-Arginine, biological studies 79-14-1, Glycolic acid, biological studies 90-64-2, Mandelic acid 127-17-3, Pyruvic acid, biological studies 147-85-3, L-Proline, biological studies 303-98-0, Coenzyme Q10 502-65-8, Lycopene 7439-89-6, Iron, biological studies 7439-95-4, Magnesium, biological studies 7439-96-5, Manganese, biological studies 7440-31-5, Tin, biological studies 7440-47-3, Chromium, biological studies 7440-50-8, Copper, biological studies 7440-66-6, Zinc, biological studies 7440-70-2, Calcium, biological studies 7440-74-6, Indium, biological studies 9004-61-9, Hyaluronic acid 57828-26-9, Lipoic acid 58186-27-9, Idebenone	
RL:	COS (Cosmetic use); BIOL (Biological study); USES (Uses) (anti-aging compns. containing minerals in chelates with amino acids)			

L2 ANSWER 9 OF 26 CAPLUS COPYRIGHT 2010 ACS on STN  
ACCESSION NUMBER: 2008:1165401 CAPLUS  
DOCUMENT NUMBER: 149:518583  
TITLE: Oil-in-water-in-oil type inversed multiple emulsion cosmetic composition using oil-in-polyol type nano-sized highly concentrated emulsion and its preparation method  
INVENTOR(S): Lee, Seong Jong; Kang, Se Hun; Han, Chang Gyu; Han, Sang Geun; Jung, Tae Hwa; Song, Jun Sik; Kim, Sang Jun; Jung, Gwan Yeong  
PATENT ASSIGNEE(S): Kolmar Co., Ltd., S. Korea  
SOURCE: Repub. Korean Kongkae Taeho Kongbo, 15pp.  
CODEN: KRXXA7  
DOCUMENT TYPE: Patent  
LANGUAGE: Korean  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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KR 2008086231	A	20080925	KR 2007-28136	20070322
KR 874877	B1	20081219		
PRIORITY APPLN. INFO.:			KR 2007-28136	20070322
IT			50-81-7, Vitamin C, biological studies 50-81-7D, Vitamin C, derivs. 56-81-5, Glycerin, biological studies 57-55-6, Propylene glycol, biological studies 57-88-5, Cholesterol, biological studies 68-26-8, Retinol 68-26-8D, Retinol, derivs. 81-13-0, D-Panthenol 107-88-0, 1,3-Butylene glycol 110-27-0, Isopropyl myristate 142-91-6, Isopropyl palmitate 472-61-7, Astaxanthin 538-23-8, Glyceryl trioctanoate 1680-31-5, Dicapryl carbonate 9006-65-9, Dimethicone 16958-85-3, Octyl	

palmitate 41669-30-1, Isostearyl isostearate **58186-27-9**,  
Idebenone 59113-36-9, Diglycerin 83826-43-1, Octyldodecyl myristate  
RL: **COS (Cosmetic use)**; BIOL (Biological study); USES (Uses)  
(oil-in-water-in-oil inversed multiple emulsions)

L2 ANSWER 10 OF 26 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2008:772828 CAPLUS  
DOCUMENT NUMBER: 149:111794  
TITLE: Skin rejuvenation cream vitamin C and alkyl lactate  
INVENTOR(S): Beeson, William H.; Rockhill, Alvin T.  
PATENT ASSIGNEE(S): AD Lunam Labs, Inc., USA  
SOURCE: U.S. Pat. Appl. Publ., 12pp.  
CODEN: USXXCO  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20080153757	A1	20080626	US 2007-957564	20071217
CA 2615630	A1	20080626	CA 2007-2615630	20071220
ZA 2007011173	A	20090527	ZA 2007-11173	20071220
GB 2445265	A	20080702	GB 2007-24868	20071221
AU 2007254653	A1	20080710	AU 2007-254653	20071224
PRIORITY APPLN. INFO.:			US 2006-877202P	P 20061226
			US 2007-957564	A 20071217

IT 50-21-5D, Lactic acid, C2-12 alkyl esters 50-81-7, Vitamin C, biological studies 59-02-9,  $\alpha$ -Tocopherol 60-18-4, Tyrosine, biological studies 63-91-2, Phenylalanine, biological studies 77-95-2, Quinic acid 97-64-3, Ethyl lactate 327-97-9, Chlorogenic acid 1135-24-6, Ferulic acid 3650-09-7, Carnosic acid 7440-66-6D, Zinc, salts 7733-02-0, Zinc sulfate 19329-89-6, Isoamyl lactate **58186-27-9**, Idebenone 99676-32-1, Vanicream 214047-00-4  
RL: **COS (Cosmetic use)**; BIOL (Biological study); USES (Uses)  
(moisturizing and rejuvenating creams comprising vitamin C and alkyl lactate for improving skin penetration)

L2 ANSWER 11 OF 26 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2008:588636 CAPLUS  
DOCUMENT NUMBER: 148:502714  
TITLE: Cosmetic matrix for a preservative-free formulation  
INVENTOR(S): Lazzeretti, Daniela  
PATENT ASSIGNEE(S): Syrio Pharma S.p.A., Italy  
SOURCE: Eur. Pat. Appl., 32pp.  
CODEN: EPXXDW  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1920756	A1	20080514	EP 2006-425757	20061107
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS				
PRIORITY APPLN. INFO.:			EP 2006-425757	20061107
REFERENCE COUNT:	5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

IT 50-70-4, Sorbitol, biological studies 50-81-7, Ascorbic acid, biological studies 56-81-5, Glycerol, biological studies 58-95-7, Tocopheryl

acetate 59-02-9,  $\alpha$ -Tocopherol 60-00-4, EDTA, biological studies  
64-02-8, Tetrasodium edta 137-66-6, Ascorbyl palmitate 139-33-3,  
Disodium edta 149-91-7D, Gallic acid, esters 150-38-9, Trisodium edta  
500-38-9, Nordihydroguaiaretic acid 6829-55-6D, Tocotrienol, derivs.  
25013-16-5, Bha 37318-79-9, Sorbitan oleate **58186-27-9**,  
Idebenone 174882-69-0, Pycnogenol

RL: **COS (Cosmetic use)**; BIOL (Biological study); USES (Uses)  
(cosmetic matrix for a preservative-free formulation)

L2 ANSWER 12 OF 26 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2008:481400 CAPLUS

DOCUMENT NUMBER: 149:160175

TITLE: Method for manufacturing cosmetic composition  
containing nonaqueous liquid crystalline phase  
encapsulated composition with skin analogue membrane

INVENTOR(S): Kang, Se Hun; Jung, Tae Hwa; Han, Chang Gyu; Jung,  
Gwan Yeong; Han, Sang Geun; Lee, Seong Jong; Kim, Sang  
Jun; Sim, Mi Hui

PATENT ASSIGNEE(S): Kolmar Co., Ltd., S. Korea

SOURCE: Repub. Korean Kongkae Taeho Kongbo, 19pp.

CODEN: KRXXA7

DOCUMENT TYPE: Patent

LANGUAGE: Korean

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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KR 2008026956	A	20080326	KR 2006-92227	20060922
KR 861980	B1	20081007		

PRIORITY APPLN. INFO.: KR 2006-92227 20060922

IT 50-81-7, Vitamin C, biological studies 50-81-7D, Vitamin C, derivs.  
57-55-6, Propylene glycol, biological studies 57-88-5, Cholesterol,  
biological studies 58-61-7, Adenosine, biological studies 68-26-8,  
Retinol 68-26-8D, Retinol, derivs. 77-52-1, Ursolic acid 98-92-0,  
Vitamin B3 110-27-0, Isopropyl myristate 111-01-3, Squalane  
112-92-5, Stearyl alcohol 124-07-2D, Octanoic acid, esters with cetearyl  
alc. 142-91-6, Isopropyl palmitate 303-98-0, Coenzyme Q10 497-76-7,  
Arbutin 501-30-4, Kojic acid 501-30-4D, Kojic acid, derivs.  
508-02-1, Oleanolic acid 538-23-8, Glyceryl trioctanoate 544-62-7,  
Batyl alcohol 661-19-8, Behenyl alcohol 1680-31-5, Dicapryl carbonate  
7512-17-6, Acetylglucosamine 8059-24-3, Vitamin H 16958-85-3, Octyl  
palmitate 26896-18-4D, Isononanoic acid, esters with cetearyl alc.  
27841-04-9 34540-22-2, Madecassoside 36653-82-4, Cetyl alcohol  
41669-30-1, Isostearyl isostearate **58186-27-9**, Idebenone  
60908-77-2, Isohexadecane 72584-75-9, Boldine diacetate 83826-43-1,  
Octyldodecyl myristate

RL: **COS (Cosmetic use)**; BIOL (Biological study); USES (Uses)

(biol. active component-encapsulated nonaq. liquid crystalline phase for  
cosmetics)

L2 ANSWER 13 OF 26 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2008:349048 CAPLUS

DOCUMENT NUMBER: 148:362844

TITLE: Regulation of mammalian keratinous tissue using skin  
and/or hair care actives

INVENTOR(S): Millikin, Cheri Lynn; Bissett, Donald Lynn; Clear,  
Rose Margaret

PATENT ASSIGNEE(S): The Procter & Gamble Company, USA

SOURCE: U.S. Pat. Appl. Publ., 15 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20080069784	A1	20080320	US 2007-820386	20070619
PRIORITY APPLN. INFO.:			US 2006-818152P	P 20060630

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

IT 50-81-7D, Vitamin C, oil-soluble derivs. 51-35-4D, Hydroxyproline, dialkanoyl derivs. 56-81-5, Glycerin, biological studies 57-00-1, Creatine 57-50-1D, Sucrose, cotton seed esters 58-95-7, Vitamin E acetate 60-27-5, Creatinine 60-33-3,  $\alpha$ -Linoleic acid, biological studies 67-71-0, Methylsulfonylmethane 69-72-7, Salicylic acid, biological studies 81-13-0, Panthenol 85-27-8 91-53-2, Ethoxyquin 94-13-3, Propylparaben 98-92-0, Vitamin B3 100-51-6, Benzyl alcohol, biological studies 102-16-9, Benzyl phenylacetate 104-20-1, 4-(4-Methoxyphenyl)butan-2-one 112-92-5, Stearyl alcohol 120-47-8, Ethylparaben 121-33-5, Vanillin 123-03-5, Cetylpyridinium chloride 123-31-9, Hydroquinone, biological studies 128-37-0, Butylated hydroxytoluene, biological studies 134-09-8, Menthyl anthranilate 139-33-3, Disodium EDTA 149-32-6, Erythritol 149-91-7, Gallic acid, biological studies 305-84-0, Carnosine 471-53-4, Glycyrrhetic acid 497-30-3, Ergothioneine 515-69-5, Bisabolol 520-26-3, Hesperidin 520-45-6, Dehydroacetic acid 536-60-7, p-Cymen-7-ol 661-19-8, Behenyl alcohol 1405-86-3, Glycyrrhizic acid 3228-02-2, p-Thymol 3811-75-4, Hexamidine 4602-84-0, Farnesol 7069-42-3, Retinyl propionate 7235-40-7,  $\beta$ -Carotene 7512-17-6, N-Acetylglucosamine 9002-92-0, Laureth-7 9003-05-8, Polyacrylamide 9004-99-3, PEG stearate 9006-65-9, Dimethicone 9041-22-9,  $\beta$ -Glucan 9074-78-6,  $\alpha$ -Glucan 9083-38-9, Melanostatin 13463-41-7, Zinc pyrithione 13463-67-7, Titanium dioxide, biological studies 15454-75-8 25013-16-5, Butylated hydroxyanisole 29348-79-6, Pentanediol 31565-12-5, Propylene glycol monocaprylate 31692-79-2, Dimethiconol 36062-04-1, Tetrahydrocurcumin 36653-82-4, Cetyl alcohol 50652-76-1 **58186-27-9**, Idebenone 58749-22-7, Licochalcone A 60908-77-2, Isohexadecane 68171-33-5, Isopropyl isostearate 70445-23-7, Octadecenedioic acid 129499-78-1, Ascorbyl glucoside 175357-18-3 230309-38-3 444811-29-4 845880-22-0 886988-52-9, SKII Pitera 1012042-37-3

RL: **COS (Cosmetic use)**; BIOL (Biological study); USES (Uses)  
(compns. comprising active agents, natural products, and vitamins in combination with energy for regulation of mammalian keratinous tissue using skin and/or hair care actives)

L2 ANSWER 14 OF 26 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2007:1475950 CAPLUS

DOCUMENT NUMBER: 148:221252

TITLE: Method for producing cosmetic composition nanocapsules containing idebenone for eliminating wrinkles

INVENTOR(S): Jung, Tae Hwa; Kang, Se Hun; Han, Chang Gyu; Jung, Gwan Yeong; Han, Sang Geun; Kim, Dong Geol; Lee, Seong Jong; Kim, Sang Jun

PATENT ASSIGNEE(S): Kolmar Co., Ltd., S. Korea

SOURCE: Repub. Korean Kongkae Taeho Kongbo, 22pp.

CODEN: KRXXA7

DOCUMENT TYPE: Patent

LANGUAGE: Korean

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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KR 2007113711	A	20071129	KR 2006-47328	20060526
KR 810164	B1	20080306		

PRIORITY APPLN. INFO.: KR 2006-47328 20060526

IT 57-88-5, Cholesterol, biological studies 7723-14-0D, Phosphorus, compds.  
**58186-27-9**, Idebenone  
 RL: **COS (Cosmetic use)**; BIOL (Biological study); USES (Uses)  
 (method for producing cosmetic composition nanocapsules containing  
 idebenone for  
 eliminating wrinkles)

L2 ANSWER 15 OF 26 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2007:1453206 CAPLUS  
 DOCUMENT NUMBER: 148:85125  
 TITLE: Liposomes containing stabilized adenosine for  
 manufacture of antiaging cosmetics  
 INVENTOR(S): Kim, Jae Yong  
 PATENT ASSIGNEE(S): S. Korea  
 SOURCE: Repub. Korea, No pp. given  
 CODEN: KRXXFC  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Korean  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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KR 737101	B1	20070706	KR 2006-15926	20060218

PRIORITY APPLN. INFO.: KR 2006-15926 20060218

IT 50-81-7, L-Ascorbic acid, biological studies 56-81-5, Glycerin,  
 biological studies 57-55-6, Propylene glycol, biological studies  
 58-61-7, Adenosine, biological studies 58-95-7, Tocopheryl acetate  
 87-99-0, Xylitol 128-37-0, BHT, biological studies 25265-75-2,  
 Butylene glycol **58186-27-9**, Idebenone  
 RL: **COS (Cosmetic use)**; BIOL (Biological study); USES (Uses)  
 (liposomes containing stabilized adenosine for manufacture of antiaging  
 cosmetics)

L2 ANSWER 16 OF 26 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2007:1448468 CAPLUS  
 DOCUMENT NUMBER: 148:85121  
 TITLE: Cosmetics comprising nanocapsulated idebenone by base  
 compositions containing phospholipids, ceramides,  
 cholesterol, polyhydric alcohols  
 INVENTOR(S): Jeong, Tae Hwa; Kang, She Hoon; Han, Chang Kyu; Jeong,  
 Kwan Young; Han, Sang Keun; Kim, Dong Geol; Lee, Seong  
 Jong; Song, Jun Sik  
 PATENT ASSIGNEE(S): Kolmar Co., Ltd., S. Korea  
 SOURCE: Repub. Korean Kongkae Taeho Kongbo, No pp. given  
 CODEN: KRXXA7  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Korean  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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KR 2007074223	A	20070712	KR 2006-2084	20060109
KR 785484	B1	20071212		

PRIORITY APPLN. INFO.: KR 2006-2084 20060109

IT 56-81-5, Glycerin, biological studies 57-55-6, Propylene glycol,  
 biological studies 57-88-5, Cholesterol, biological studies 81-13-0,

D-Panthenol 107-21-1, Ethylene glycol, biological studies 107-88-0,  
 1,3-Butylene glycol 5343-92-0, 1,2-Pentanediol 25265-71-8, Dipropylene  
 glycol **58186-27-9**, Idebenone 59113-36-9, Diglycerin  
 RL: **COS (Cosmetic use)**; BIOL (Biological study); USES (Uses)  
 (cosmetics comprising nanocapsulated idebenone by base compns. containing  
 phospholipids and ceramides and cholesterol and polyhydric alcs.)

L2 ANSWER 17 OF 26 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2007:1177642 CAPLUS  
 DOCUMENT NUMBER: 147:474695  
 TITLE: Topical therapeutic delivery system  
 INVENTOR(S): Murad, Howard; Akyuz, Rafael  
 PATENT ASSIGNEE(S): USA  
 SOURCE: PCT Int. Appl., 35pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007117352	A2	20071018	WO 2007-US3427	20070208
WO 2007117352	A3	20080110		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA			

PRIORITY APPLN. INFO.: US 2006-771016P P 20060208

OTHER SOURCE(S): MARPAT 147:474695

IT 50-21-5, 2-Hydroxypropanoic acid, biological studies 60-33-3,  
 9,12-Octadecadienoic acid (9Z,12Z)-, biological studies 69-72-7,  
 biological studies 70-18-8, Glutathione, biological studies 77-92-9,  
 2-Hydroxy-1,2,3-propanetricarboxylic acid, biological studies 79-14-1,  
 biological studies 87-69-4, Tartaric acid, biological studies 90-64-2  
 107-15-3D, Ethylene diamine, mono-, di-, tri-, and tetra- acetic acid  
 derivs. 112-80-1, 9-Octadecenoic acid (9Z)-, biological studies  
 127-40-2, Lutein 144-68-3, Zeaxanthin 303-98-0, Coenzyme Q10  
 432-70-2,  $\alpha$ -Carotene 463-40-1, all-cis-9,12,15-Octadecatrienoic  
 acid 472-70-8, Cryptoxanthin 502-65-8, Lycopene 506-26-3,  
 all-cis-6,9,12-Octadecatrienoic acid 588-59-0, Stilbene 5725-96-2D,  
 Dimethyl amine oxide, derivs. 6915-15-7, Malic acid 7235-40-7,  
 Beta-carotene 7488-99-5,  $\alpha$ -Carotene 25448-03-7, Octadecatrienoic  
 acid 26764-25-0, Octadecadienoic acid 26764-26-1, Octadecenoic acid  
**58186-27-9**, Idebenone  
 RL: **COS (Cosmetic use)**; MOA (Modifier or additive use); THU  
 (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (topical therapeutic delivery system)

L2 ANSWER 18 OF 26 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2007:1133619 CAPLUS  
 DOCUMENT NUMBER: 147:454752  
 TITLE: Anti-aging cosmetic composition comprising biomimetic  
 oligopeptide, lipoaminoacid, pentacyclic triterpenoid,

antioxidant, and tetrahydropiperine, kit and use  
 INVENTOR(S): Denomme, Sylvie  
 PATENT ASSIGNEE(S): Laboratoires Dermo-Cosmetik Inc., Can.  
 SOURCE: Can. Pat. Appl., 34pp.  
 CODEN: CPXXEB  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CA 2539712	A1	20070930	CA 2006-2539712	20060331
US 20070237735	A1	20071011	US 2006-393811	20060331
PRIORITY APPLN. INFO.:			CA 2006-2539712	A 20060331

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD  
 (3 CITINGS)

IT 50-81-7, Ascorbic acid, biological studies 50-99-7, Glucose, biological studies 59-02-9,  $\alpha$ -Tocopherol 66-84-2, Glucosamine hydrochloride 305-84-0, L-Carnosine 464-92-6, Asiatic acid 472-15-1, Betulinic acid 500-38-9, Nordihydroguaiaretic acid 502-65-8, Lycopene 541-02-6, DC345 1200-22-2,  $\alpha$ -Lipoic acid 2304-80-5, Ceramide-2 3055-94-5, Laureth-3 8066-38-4, Phenonip 9002-89-5D, Polyvinylalcohol, crosspolymer 9004-62-0, Hydroxyethylcellulose 9050-36-6D, Maltodextrin, Hydroxypropyltrimonium polymer derivs. 9054-89-1, Superoxide dismutase 11138-66-2, Xanthan gum 16830-15-2, Asiaticoside 18449-41-7, Madecassic acid 23434-88-0, Tetrahydropiperine 24292-52-2, Hesperidin Methyl Chalcone 25265-75-2, Butylene glycol 26100-47-0, Sepiplus 265 34540-22-2, Madecassoside 41672-81-5 **58186-27-9**, Idebenone 81065-76-1, EUK 134 105636-67-7, Lipogard 147732-56-7 148093-12-3, Sepigel 305 159329-76-7 171263-26-6 179733-64-3, Dow Corning 1401 214047-00-4 221227-05-0 528893-76-7, Venuceane 719294-68-5, Matrixyl 3000 875320-44-8, Resveravine  
 RL: **COS (Cosmetic use)**; THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(anti-aging cosmetic composition comprising biomimetic oligopeptide, lipoaminoacid, pentacyclic triterpenoid, antioxidant, and tetrahydropiperine, kit and use)

L2 ANSWER 19 OF 26 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2006:1286002 CAPLUS  
 DOCUMENT NUMBER: 146:49773  
 TITLE: Skin care compositions containing idebenone  
 INVENTOR(S): Bissett, Donald Lynn; Mitra, Shekhar  
 PATENT ASSIGNEE(S): The Procter & Gamble Company, USA  
 SOURCE: U.S. Pat. Appl. Publ., 11 pp.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20060275237	A1	20061207	US 2006-408890	20060421
PRIORITY APPLN. INFO.:			US 2005-678965P	P 20050509

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

IT 69-72-7, Salicylic acid, biological studies 83-48-7, Stigmasterol 94-36-0, Benzoyl peroxide, biological studies 123-03-5, Cetyl pyridinium chloride 125-33-7, Hexamidine 134-20-3, Methyl anthra nilate 474-62-4, Campesterol 474-67-9, Brassicasterol 520-26-3, Hesperidin

531-95-3, Equol 881-68-5, Vanillin acetate 1406-16-2, Vitamin D  
 7512-17-6, N-Acetyl-D-glucosamine 12001-79-5, Vitamin K 16807-48-0,  
 Dehydroacetic acid 36062-04-1, Tetrahydrocurcumin **58186-27-9**  
 , Idebenone  
 RL: **COS (Cosmetic use)**; BIOL (Biological study); USES (Uses)  
 (skin care compns. containing idebenone)

L2 ANSWER 20 OF 26 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2006:1224984 CAPLUS

DOCUMENT NUMBER: 145:510941

TITLE: Regulation of mammalian keratinous tissue using  
 personal care compositions comprising  
 tetrahydrocurcumin

INVENTOR(S): Bissett, Donald Lynn

PATENT ASSIGNEE(S): The Procter & Gamble Company, USA

SOURCE: PCT Int. Appl., 41pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 5

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006124989	A1	20061123	WO 2006-US19066	20060517
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
US 20060263309	A1	20061123	US 2006-396738	20060403
CA 2609693	A1	20061123	CA 2006-2609693	20060517
EP 1888016	A1	20080220	EP 2006-770488	20060517
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR			
JP 2008540580	T	20081120	JP 2008-511480	20060517
IN 2007DN08228	A	20071123	IN 2007-DN8228	20071024
KR 2008000648	A	20080102	KR 2007-726422	20071114
MX 2007014426	A	20080211	MX 2007-14426	20071116
CN 101175467	A	20080507	CN 2006-80016918	20071116

PRIORITY APPLN. INFO.:

US 2005-681626P	P	20050517
US 2005-701370P	P	20050721
US 2006-396738	A	20060403
WO 2006-US19066	W	20060517

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT 51-35-4D, Hydroxyproline, Dialkanoyl derivs. 56-81-5, Glycerin, biological studies 57-50-1D, Sucrose, reaction products with cottonseed 58-95-7, Vitamin E Acetate 69-72-7, Salicylic acid, biological studies 77-92-9, Citric acid, biological studies 79-83-4, Vitamin B3 81-13-0, Panthenol 94-13-3, Propylparaben 100-51-6, Benzyl alcohol, biological studies 112-92-5, 1-Octadecanol 120-47-8, Ethylparaben 121-33-5, Vanillin 123-03-5, Cetylpyridinium chloride 123-31-9, Hydroquinone, biological studies 128-37-0, Butylated Hydroxytoluene, biological

studies 134-09-8, Menthyl anthranilate 139-33-3, Disodium EDTA 305-84-0, Carnosine 471-53-4, Glycyrrhetic acid 497-30-3, Ergothioneine 520-26-3, Hesperidin 520-26-3D, Hesperidin, Glucosyl derivs. 520-45-6, Dehydroacetic acid 659-40-5, Hexamidine diisethionate 661-19-8, Behenyl alcohol 881-68-5, Vanillin acetate 1405-86-3, Glycyrrhizic acid 3811-75-4, Hexamidine 4418-26-2, Sodium dehydroacetate 7069-42-3, Retinyl propionate 9002-92-0, Laureth-7 9003-05-8, Polyacrylamide 9004-99-3, PEG-stearate 9006-65-9, Dimethicone 9035-81-8, Trypsin inhibitor 9041-22-9,  $\beta$ -Glucan 9074-78-6,  $\alpha$ -Glucan 13463-67-7, Titanium dioxide, biological studies 25013-16-5, Butylated Hydroxyanisole 26161-33-1, Polyquaternium 37 31692-79-2, Dimethiconol 36062-04-1, Tetrahydrocurcumin 36653-82-4, Cetyl alcohol 53956-04-0, Glycyrrhizic acid ammonium salt **58186-27-9**, Idebenone 60908-77-2, Isohexadecane 68171-33-5, Isopropyl isostearate 113482-94-3 129499-78-1, Ascorbyl glucoside 153315-80-1 175357-18-3, Sepiwhite 230309-38-3

RL: **COS (Cosmetic use)**; BIOL (Biological study); USES (Uses)  
(regulation of mammalian keratinous tissue using personal care compns. comprising tetrahydrocurcumin)

L2 ANSWER 21 OF 26 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2006:1224983 CAPLUS

DOCUMENT NUMBER: 145:510940

TITLE: Regulation of mammalian keratinous tissue using personal care compositions comprising cetyl pyridinium chloride

INVENTOR(S): Bissett, Donald Lynn

PATENT ASSIGNEE(S): The Procter & Gamble Company, USA

SOURCE: PCT Int. Appl., 40 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 5

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006124990	A2	20061123	WO 2006-US19067	20060517
WO 2006124990	A3	20070322		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
US 20070020221	A1	20070125	US 2006-391812	20060329
EP 1885326	A2	20080213	EP 2006-770489	20060517
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR			
CN 101175469	A	20080507	CN 2006-80016925	20071116
PRIORITY APPLN. INFO.:			US 2005-681626P	P 20050517
			US 2005-722384P	P 20050930
			US 2006-391812	A 20060329
			WO 2006-US19067	W 20060517

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT 51-35-4D, Hydroxyproline, Dialkanoyl derivs. 56-81-5, Glycerin, biological studies 57-00-1, Creatine 57-09-0, Hexadecyltrimethyl ammonium bromide 57-50-1D, Sucrose, reaction products with cottonseed 58-95-7, Vitamin E acetate 60-27-5, Creatinine 69-72-7, Salicylic acid, biological studies 77-92-9, Citric acid, biological studies 79-83-4, Vitamin B3 81-13-0, Panthenol 91-10-1D, Syringol, Diethylhexyl malonate derivs. 94-13-3, Propylparaben 100-51-6, Benzyl alcohol, biological studies 112-02-7, Hexadecyltrimethylammonium chloride 112-03-8, Octadecyltrimethylammonium chloride 112-92-5, 1-Octadecanol 120-47-8, Ethylparaben 121-33-5D, Vanillin, derivs. 121-54-0, Benzethonium chloride 122-18-9, Cetyl dimethylbenzylammonium chloride 122-19-0, Dimethyloctadecylbenzylammonium chloride 123-03-5, Cetyl pyridinium chloride 123-31-9, Hydroquinone, biological studies 125-33-7, Hexamidine 128-37-0, Butylated Hydroxytoluene, biological studies 139-33-3, DisodiumEDTA 141-94-6, 5-Amino-1,3-bis(2-ethylhexyl)-5-methyl hexahydropyrimidine 305-84-0, Carnosine 471-53-4, Glycyrrhetic acid 497-30-3, Ergothioneine 520-26-3, Hesperidin 520-26-3D, Hesperidin, glucose derivs. 520-45-6, Dehydroacetic acid 538-71-6, Domiphenbromide 659-40-5, Hexamidine diisethionate 661-19-8, Behenyl alcohol 881-68-5, Vanillin acetate 1119-94-4, Dodecyl trimethylammonium bromide 1405-86-3, Glycyrrhizic acid 2785-54-8, Tetradecylpyridinium chloride 4418-26-2, Sodium dehydroacetate 7512-17-6, N-Acetylglucosamine 9002-92-0, Laureth-7 9003-05-8, Polyacrylamide 9004-99-3, PEG\_stearate 9006-65-9, Dimethicone 9041-22-9,  $\beta$ -Glucan 9074-78-6,  $\alpha$ -Glucan 13463-67-7, Titanium dioxide, biological studies 25013-16-5, Butylated Hydroxyanisole 25155-18-4, Methylbenzethonium chloride 26161-33-1, Polyquaternium-37 31692-79-2, Dimethiconol 35014-84-7, N-Tetradecyl-4-ethylpyridinium chloride 36062-04-1, Tetrahydrocurcumin 36653-82-4, Cetyl alcohol 53956-04-0, Glycyrrhizic acid ammonium salt **58186-27-9**, Idebenone 58749-22-7, Licochalcone A 60908-77-2, Isohexadecane 68171-33-5, Isopropyl isostearate 129499-78-1, Ascorbyl glucoside 153315-80-1 175357-18-3, Sepiwhite 230309-38-3  
RL: **COS (Cosmetic use)**; BIOL (Biological study); USES (Uses)  
(regulation of mammalian keratinous tissue using personal care compns. comprising cetyl pyridinium chloride)

L2 ANSWER 22 OF 26 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2006:1224982 CAPLUS  
DOCUMENT NUMBER: 145:510939  
TITLE: Regulation of mammalian keratinous tissue using personal care compositions comprising diethylhexyl syringylidene malonate  
INVENTOR(S): Bissett, Donald Lynn  
PATENT ASSIGNEE(S): The Procter & Gamble Company, USA  
SOURCE: PCT Int. Appl., 29pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 5  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006124991	A1	20061123	WO 2006-US19069	20060517
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE,			

SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC,  
 VN, YU, ZA, ZM, ZW  
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,  
 IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,  
 CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,  
 GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,  
 KG, KZ, MD, RU, TJ, TM  
 US 20060263321 A1 20061123 US 2006-406477 20060418  
 EP 1881814 A1 20080130 EP 2006-760013 20060517  
 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,  
 IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR  
 CN 101175468 A 20080507 CN 2006-80016924 20071116  
 PRIORITY APPLN. INFO.: US 2005-681626P P 20050517  
 US 2006-406477 A 20060418  
 WO 2006-US19069 W 20060517

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT 51-35-4D, Hydroxyproline, Dialkanoyl derivs. 56-81-5, Glycerin,  
 biological studies 57-00-1, Creatine 57-50-1D, Sucrose, reaction  
 products with cottonseed 58-95-7, Tocopheryl acetate 60-27-5,  
 Creatinine 77-92-9, Citric acid, biological studies 81-13-0, Panthenol  
 91-10-1D, Syringol, diethylhexyl malonate derivs. 94-13-3, Propylparaben  
 98-92-0, Niacinamide 100-51-6, Benzyl alcohol, biological studies  
 112-92-5, 1-Octadecanol 120-47-8, Ethylparaben 123-03-5,  
 Cetylpyridinium chloride 125-33-7, Hexamidine 139-33-3, DisodiumEDTA  
 471-53-4, Glycyrrhetic acid 497-30-3, Ergothioneine 520-26-3,  
 Hesperidin 520-45-6, Dehydroacetic acid 659-40-5, Hexamidine  
 diisethionate 661-19-8, Behenyl alcohol 1405-86-3, Glycyrrhizic acid  
 7512-17-6, N-Acetylglucosamine 9002-92-0, Laureth-7 9003-05-8,  
 Polyacrylamide 9004-99-3, PEG-stearate 9006-65-9, Dimethicone  
 9041-22-9,  $\beta$ -Glucan 9074-78-6,  $\alpha$ -Glucan 13463-67-7,  
 Titanium dioxide, biological studies 26161-33-1, Polyquaternium 37  
 31692-79-2, Dimethiconol 36062-04-1, Tetrahydrocurcumin 36653-82-4,  
 Cetyl alcohol **58186-27-9**, Idebenone 58749-22-7, Licochalcone  
 A 60908-77-2, Isohexadecane 68171-33-5, Isopropyl isostearate  
 129499-78-1, Ascorbyl glucoside 153315-80-1 175357-18-3, Sepiwhite  
 230309-38-3 444811-29-4, Oxyhex ST 886988-52-9, Pitera  
 RL: **COS (Cosmetic use)**; BIOL (Biological study); USES (Uses)  
 (regulation of mammalian keratinous tissue using personal care compns.  
 comprising diethylhexyl syringylidene malonate)

L2 ANSWER 23 OF 26 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2006:1202326 CAPLUS  
 DOCUMENT NUMBER: 145:495043  
 TITLE: Skin care compositions containing idebenone  
 INVENTOR(S): Bissett, Donald Lynn; Robinson, Larry Richard; Mitra,  
 Shekhar  
 PATENT ASSIGNEE(S): The Procter & Gamble Company, USA  
 SOURCE: PCT Int. Appl., 27 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
WO 2006121717	A2	20061116	WO 2006-US16889	20060503
WO 2006121717	A3	20061228		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,			
	CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,			

GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR,  
 KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX,  
 MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE,  
 SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC,  
 VN, YU, ZA, ZM, ZW  
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,  
 IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,  
 CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,  
 GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,  
 KG, KZ, MD, RU, TJ, TM

US 20060275228 A1 20061207 US 2006-408326 20060421  
 PRIORITY APPLN. INFO.: US 2005-678967P P 20050509  
 ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT  
 REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT 50-81-7, Vitamin c, biological studies 58-95-7, Tocopherol acetate  
 59-67-6, Nicotinic acid, biological studies 65-23-6, Pyridoxine  
 79-81-2, Retinyl palmitate 81-13-0, Panthenol 98-92-0, Niacinamide  
 100-55-0, Nicotinyl alcohol 305-84-0, Carnosine 1406-18-4, Vitamin E  
 7440-50-8D, Copper, histidine-glycine-glycine complex 11103-57-4,  
 Vitamin A 12001-76-2, Vitamin B 32999-80-7D, copper complexes  
**58186-27-9**, Idebenone 108910-78-7, Magnesium ascorbyl phosphate  
 128808-26-4, Sodium ascorbyl phosphate 129499-78-1, Ascorbyl glucoside  
 214047-00-4 221227-05-0 266684-60-0 846584-68-7, Ascorbyl sorbate  
 911813-90-6

RL: **COS (Cosmetic use)**; BIOL (Biological study); USES (Uses)  
 (skin care compns. containing idebenone)

L2 ANSWER 24 OF 26 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2006:1066139 CAPLUS  
 DOCUMENT NUMBER: 145:425934  
 TITLE: Method of regulating mammalian keratinous tissue  
 INVENTOR(S): Oblong, John Erich; Mitra, Shekhar; Kemp, Helen  
 Rochelle; Evans, Mark David  
 PATENT ASSIGNEE(S): The Procter & Gamble Company, USA  
 SOURCE: PCT Int. Appl., 32 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006107673	A2	20061012	WO 2006-US11433	20060328
WO 2006107673	A3	20070111		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
CA 2602844	A1	20061012	CA 2006-2602844	20060328
EP 1865936	A2	20071219	EP 2006-739905	20060328
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR			

JP 2008534682	T	20080828	JP 2008-505370	20060328
KR 2007110375	A	20071116	KR 2007-721505	20070919
IN 2007DN07386	A	20071109	IN 2007-DN7386	20070925
MX 2007012279	A	20071017	MX 2007-12279	20071003
CN 101155617	A	20080402	CN 2006-80011424	20071008

PRIORITY APPLN. INFO.:

US 2005-667930P	P	20050404
US 2005-692641P	P	20050621
US 2005-694758P	P	20050628
WO 2006-US11433	W	20060328

REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT 50-81-7, Vitamin C, biological studies 50-99-7D, Glucose, cetearyl ethers 56-81-5, Glycerin, biological studies 57-50-1D, Sucrose, reaction products with polycottonseedate 58-56-0, Pyridoxine hydrochloride 58-95-7, Tocopheryl acetate 69-72-7, Salicylic acid, biological studies 77-52-1, Ursolic acid 79-83-4, Pantothenic acid 81-13-0, Panthenol 94-13-3, Propylparaben 98-92-0, Niacinamide 100-51-6, Benzyl alcohol, biological studies 112-92-5, 1-Octadecanol 120-47-8, Ethylparaben 123-03-5, Cetylpyridinium chloride 125-33-7, Hexamidine 128-37-0, Butylated hydroxytoluene, biological studies 134-09-8, Menthyl anthranilate 137-08-6, Calcium Pantothenate 139-33-3, Disodium EDTA 294-40-6, Cyclopentasiloxane 471-53-4, Glycyrrhetic acid 494-90-6, Menthofuran 551-08-6, 3-Butylidenephthalide 661-19-8, Behenyl alcohol 917-95-3, 2-Methyl-2-nitrosopropane 1406-18-4, Vitamin E 2226-96-2 2349-07-7, Hexyl isobutyrate 2564-83-2 3317-61-1 7512-17-6, N-Acetyl-D-glucosamine 9002-92-0, Laureth-7 9003-05-8, Polyacrylamide 9004-99-3 9006-65-9, Dimethicone 9012-72-0, Glucan 9041-22-9,  $\beta$ -Glucan 9074-78-6,  $\alpha$ -Glucan 10135-38-3 13463-67-7, Titanium dioxide, biological studies 16302-61-7, Doxylcyclohexane 24973-59-9, 2,4,6-Tri-tert-butylnitrosobenzene 25013-16-5, Butylated hydroxyanisole 26453-57-6, Nitrosodisulfonic acid 26762-52-7, Hexanediol 27827-43-6 31692-79-2, Dimethiconol 36062-04-1, Tetrahydrocurcumin 36653-82-4, Cetyl alcohol 50669-92-6D, salts 58186-27-9, Idebenone 60908-77-2, Isohexadecane 66893-81-0,  $\alpha$ -(4-Pyridyl 1-oxide)-N-tert-butylnitron 68171-33-5, Isopropyl isostearate 83016-63-1, 3,5-Dibromo-4-nitrosobenzenesulfonic acid 104133-11-1, Methylsilanetriol homopolymer 129499-78-1, Ascorbyl glucoside 134375-99-8, Aluminum Zirconium Trichlorohydrate Gly 153315-80-1 214047-00-4 230309-38-3, Isopropyl N-lauroylsarcosinate 845880-22-0 911813-90-6

RL: COS (Cosmetic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(method of regulating mammalian keratinous tissue)

L2 ANSWER 25 OF 26 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2005:735073 CAPLUS

DOCUMENT NUMBER: 143:179171

TITLE: Method and preparation containing idebenone for reducing skin hyperpigmentation

INVENTOR(S): Dinardo, Joseph C.; Lewis, Joseph A.; Neudecker, Birgit; Diedrich, Falko; Wieland, Eberhard

PATENT ASSIGNEE(S): PCR Technology Holdings, Lc, USA

SOURCE: U.S. Pat. Appl. Publ., 8 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 20050175559 A1 20050811 US 2004-10854 20041213  
WO 2005077111 A2 20050825 WO 2005-US4508 20050210  
WO 2005077111 A3 20060720

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,  
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,  
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,  
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,  
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, SM  
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,  
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,  
EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,  
RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,  
MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2004-543435P P 20040210  
US 2004-10854 A 20041213

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD  
(1 CITINGS)

IT 58186-27-9, Idebenone 58186-27-9D, Idebenone,  
derivs.  
RL: COS (Cosmetic use); PAC (Pharmacological activity); BIOL  
(Biological study); USES (Uses)  
(compsn. containing idebenone for reducing skin hyperpigmentation)

L2 ANSWER 26 OF 26 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2005:611664 CAPLUS

DOCUMENT NUMBER: 143:120087

TITLE: Method and preparation for reducing sunburn cell  
formation in skin

INVENTOR(S): Dinardo, Joseph C.; Lewis, Joseph A.; Neudecker,  
Birgit; Diedrich, Falko; Wieland, Eberhard

PATENT ASSIGNEE(S): PCR Technology Holdings, Lc, USA

SOURCE: U.S. Pat. Appl. Publ., 9 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20050152857	A1	20050714	US 2004-825265	20040415
WO 2005070370	A1	20050804	WO 2005-US625	20050107
WO 2005070370	A8	20060302		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,  
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,  
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,  
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,  
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, SM  
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,  
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,  
EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,  
RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,  
MR, NE, SN, TD, TG

EP 1648391 A1 20060426 EP 2005-705336 20050107

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS

PRIORITY APPLN. INFO.: US 2004-535024P P 20040108  
US 2004-825265 A 20040415  
WO 2005-US625 W 20050107

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD  
(2 CITINGS)

IT 50-81-7, Vitamin C, biological studies 70-18-8, Glutathione, biological studies 104-28-9, Cinoxate 118-56-9, Homosalate 118-60-5, Octyl salicylate 131-53-3, Dioxybenzone 131-57-7, Oxybenzone 134-09-8, Menthyl anthranilate 303-98-0, Co-Enzyme Q10 525-79-1, N-Furfuryladenine 1200-22-2,  $\alpha$ -Lipoic acid 1314-13-2, Zinc oxide, biological studies 1406-18-4, Vitamin E 2174-16-5, Trolamine salicylate 4065-45-6, Sulisobenzone 5466-77-3, Octyl methoxycinnamate 6197-30-4, Octocrylene 9001-05-2, Catalase 9054-89-1, Superoxide Dismutase 13463-67-7, Titanium dioxide, biological studies 21245-02-3, Padimate O 27503-81-7, Phenylbenzimidazole sulfonic acid **58186-27-9**, Idebenone **58186-27-9D**, Idebenone, derivs.  
RL: **COS (Cosmetic use)**; THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(method and preparation for reducing sunburn cell formation in skin)

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(FILE 'HOME' ENTERED AT 10:23:41 ON 25 MAY 2010)

FILE 'REGISTRY' ENTERED AT 10:24:03 ON 25 MAY 2010

E IDEBENONE/CN

L1 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON IDEBENONE/CN  
D

FILE 'CAPLUS' ENTERED AT 10:25:11 ON 25 MAY 2010

L2 26 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L1/COS

SET LINE 250

SET DETAIL OFF

E PIGMENT+ALL/CT

SET LINE LOGIN

SET DETAIL LOGIN

SET LINE 250

SET DETAIL OFF

E PIGMENTATION+ALL/CT

SET LINE LOGIN

SET DETAIL LOGIN

L3 0 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L2 (L) (LIGHT OR  
LIGHTEN OR COLOR OR (PIGMENT OR "PIGMENTS, BIOLOGICAL") OR  
(PIGMENTATION OR "PIGMENTATION, BIOLOGICAL"))  
D L2 1-26 IBIB HIT

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

69.54

78.34

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 10:28:07 ON 25 MAY 2010